PTO/SB/21 (09-04)

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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Application Number 10/682,013
Confirmation Number 7760

Filling Date 10/09/2003

First Named Inventor Joseph Michael Christie

Art Unit 2664

Examiner Name

Attorney Docket Number 1119a3

Total Number of Pages in This Submission ENCLOSURES (check all that apply) Fee Transmittal Form Drawing(s) Appeal Communication to Board Licensing-related Papers Fee Attached of Appeals and Interferences Petition Appeal Communication to TC Amendment / Reply (Appeal Notice, Brief, Reply Brief) Petition to Convert to a After Final Proprietary Information **Provisional Application** Power of Attorney, Revocation Status Letter Affidavits/declaration(s) Change of Correspondence Address Terminal Disclaimer Other Enclosure(s) Extension of Time Request (please identify below): 14 foreign patents; Request for Refund 3 non patent literature documents; and Express Abandonment Request CD. Number of CD(s) return receipt postcard Information Disclosure Statement ☐ Landscape Table on CD It is believed that no fees are due in this matter. However, if it is Remarks Certified Copy of Priority determined that fees are due, the Commissioner is authorized to debit Deposit Document(s) Account No. 210765 for the required fees. Reply to Missing Parts/ Incomplete Application I hereby state that each item of information contained in this Information Disclosure Reply to Missing Parts Statement is being filed before the mailing date of a first Office Action on the merits pursuant to 37 CFR 1.97(b). under 37 CFR1.52 or 1.53 SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Firm Setter Oliila LLC Signature **Printed Name** Stephen S. Roche Reg. Date 52.176 No.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

•	Complete if Known	
Application Number	10/682,013	
Filing Date	10/09/2003	
First Named Inventor	Joseph Michael Christie	•
Art Unit	2664	
Examiner Name		
Attorney Docket Number	1119a3	

		,	U.S. PATENT D		
Examiner Initials *	Cite No.1	Document Number Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevan Passages or Relevant
	1	US- 4,720,850	01/19/1988	Oberlander et al.	Figures Appear
	2	US- 4,730,312	03/08/1988	Johnson et al.	
	3	US- 4,736,364	04/05/1988	Basso et al.	
	4	US- 4,748,658	05/31/1988	Gopal et al.	
	5	US- 4,757,526	07/12/1988	Foster et al.	
	6	US- 4,763,317	08/09/1988	Lehman et al.	
	7	US- 4,853,955	08/01/1989	Thorn et al.	
	8	US- 5,003,584	03/26/1991	Benyacar et al.	
	9	US- 5,048,081	09/10/1991	Gavaras et al.	
	10	US- 5,051,983	09/24/1991	Kammerl	
	11	US- 5,089,954	02/18/1992	Rago	
	12	US- 5,115,427	05/19/1992	Johnson, Jr. et al.	
	13	US- 5,185,743	02/09/1993	Murayama et al.	
	14	US- 5,204,857	04/20/1993	Obara	
	15	US- 5,251,255	10/05/1993	Epley	
	16	US- 5,258,979	11/02/1993	Oomuro et al.	
	17	US- 5,271,010	12/14/1993	Miyake et al.	
	18	US- 5,274,635	12/28/1993	Rahman et al.	
	19	US- 5,282,244	01/25/1994	Fuller et al.	
	20	US- 5,289,472	02/22/1994	Cho	
	21	US- 5,291,492	03/01/1994	Andrews et al.	
•	22	US- 5,327,421	07/05/1994	Hiller et al.	
	23	US- 5,339,318	08/16/1994	Tanaka et al.	
	24	US- 5,345,443	09/06/1994	D'Ambrogio et al.	
	25	US- 5,345,445	09/06/1994	Hiller et al.	·
	26	US- 5,345,446	09/06/1994	Hiller et al.	
•	27	US- 5,363,433	11/08/1994	Isono	
	28	US- 5,375,124	12/20/1994	D'Ambrogio et al.	
	29	US- 5,377,186	12/27/1994	Wegner et al.	
	30	US- 5,392,402	02/21/1995	Robrock, II	-
	31	US- 5,420,858	05/30/1995	Marshall et al.	
	32		06/06/1995	Hiller et al.	
		US- 5,422,882	06/13/1995	Orriss	
	33	US- 5,425,090			
	34	US- 5,428,609	06/27/1995	Eng et al.	
	35	US- 5,434,852	07/18/1995	La Porta et al.	
	36	US- 5,434,981	07/18/1995	Lenihan et al.	
	37	US- 5,438,527	08/01/1995	Feldbaumer et al.	
	38	US- 5,440,626	08/08/1995	Boyle et al.	<u> </u>
	39	US- 5,444,713	08/22/1995	Backaus et al.	
	40	US- 5,452,297	09/19/1995	Hiller et al.	
	41	US- 5,452,350	09/19/1995	Reynolds et al.	
	42	US- 5,457,684	10/10/1995	Bharucha et al.	
	43	US- 5,459,722	10/17/1995	Sherif	
	44	US- 5,469,501	11/21/1995	Otsuka	
-	45	US- 5,473,677	12/05/1995	D'Amato et al.	
	46	US- 5,473,679	12/05/1995	La Porta et al.	
	47	US- 5,483,527	01/09/1996	Doshi et al.	

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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Substitute for form 1449A/PTO Complete if Known 10/682,013 Application Number INFORMATION DISCLOSURE Filing Date 10/09/2003 STATEMENT BY APPLICANT Joseph Michael Christie First Named Inventor Art Unit 2664 (Use as many sheets as necessary) Examiner Name 1119a3 Sheet Attorney Docket Number

	,		U.S. PATENT D		
Examiner Initials *	Cite No.1	Document Number Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevan Passages or Relevant Figures Appear
	48	US- 5,495,484	02/27/1996	Self et al.	Figures Appear
	49	US- 5,509,010	04/16/1996	La Porta et al.	
	50	US- 5,519,707	05/21/1996	Subramanian et al.	
	51	US- 5,519,690	05/21/1996	Suzuka et al.	
	52	US- 5,530,724	06/25/1996	Abrams et al.	
	53	US- 5,537,461	07/16/1996	Bridges et al.	
	54	US- 5,541,917	07/30/1996	Farris	
	55	US- 5,550,834	08/27/1996	D'Ambrogio et al.	
	56	US- 5,550,914	08/27/1996	Clarke et al.	
	57	US- 5,563,939	10/08/1996	La Porta et al.	
	58	US- 5,566,173	10/15/1996	Steinbrecher	
	59	US- 5,568,475	10/22/1996	Doshi et al.	
	60	US- 5,577,037	11/19/1996	Takatori et al.	
	61	US- 5,579,311	11/26/1996	Chopping et al.	
	62	US- 5,592,477	01/07/1997	Farris et al.	
	63	US- 5,600,643	02/04/1997	Robrock, II	
	64	US- 5,619,561	04/08/1997	Reese	
	65	US- 5,623,491	04/22/1997	Skoog	
	66	US- 5,635,980	06/03/1997	Lin et al.	<u> </u>
	67	US- 5,640,446	06/17/1997	Everett et al.	
	68	US- 5,673,262	09/30/1997	Shimizu	
	69	US- 5,689,550	11/18/1997	Garson et al.	
	70	US- 5,703,876	12/30/1997	Christie	
	71	US- 5,706,286	01/06/1998	Reiman et al.	
	72	US- 5,710,769	01/20/1998	Anderson et al.	
	73	US- 5,745,553	04/28/1998	Mirville et al.	
	74	US- 5,751,706	05/12/1998	Land et al.	
	75	US- 5,765,108	06/09/1998	Martin et al.	
	76	US- 5,784,371	07/21/1998	lwai	
	77	US- 5,793,765	08/11/1998	Boer et al.	
	78	US- 5,802,045	09/01/1998	Kos et al.	-
	79	US- 5,825,780	10/20/1998	Christie	
	80	US- 5,867,495	02/02/1999	Elliott et al.	
· ·	81	US- 5,867,562	02/02/1999	Scherer	
	82	US- 5,867,571	02/02/1999	Borchering	
				Kienberger	
	83	US- 5,872,785	02/16/1999	····	
	84	US- 5,884,262	03/16/1999	Wise et al.	
	85	US- 5,892,764	04/06/1999	Riemann et al.	
	86	US- 5,926,464	07/20/1999	Fraser	
	87	US- 5,940,393	08/17/1999	Duree et al.	
	88	US- 5,940,491	08/17/1999	Anderson et al.	
	89	US- 5,949,791	09/07/1999	Byers et al.	18.00
	90	US- 5,956,334	09/21/1999	Chu et al.	
	91	US- 5,991,301	11/23/1999	Christie	

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Substitute	Substitute for form 1449A/PTO		Complete if Known			
				Application Number	10/682,013	
INFO	INFORMATION DISCLOSURE		Filing Date	10/09/2003		
STAT	TEMENT	BY AF	PLICANT	First Named Inventor	Joseph Michael Christie	
		Art Unit	2664			
	(Use as many	sheets as r	necessary)	Examiner Name		
Sheet	3	of	4	Attorney Docket Number	1119a3	

	U.S. PATENT DOCUMENTS					
Examiner Cite No.1	Cita Document Number	Publication Date	Name of Patentee or Applicant of	Pages, Columns, Lines, Where Relevant		
		Number - Kind Code ² (if known)	MM-DD-YYYY	Cited Document	Passages or Relevant Figures Appear	
	92	US- 5,999,594	12/07/1999	Mizoguchi et al.		
-	93	US- 6,026,091	02/15/2000	Christie et al.		
	94	US- 6,034,950	03/07/2000	Sauer et al.		
	95	US- 5,999,525	12/07/1999	Krishnaswamy et al.		
	96	US- 6,069,890	05/30/2000	White et al.		
	97	US- 6,088,749	07/11/2000	Hebert et al.		
	98	US- 6,175,574	01/16/2001	Lewis		
	99	US- 6,181,703	01/30/2001	Christie et al.		
	100	US- 6,324,179	11/27/2001	Doshi et al.		
	101	US- 6,487,200	11/26/2002	Fraser		
	102	US- 6,546,003	04/08/2003	Farris		

	FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ - Number ⁴ - Kind Code ⁵ (<i>if known</i>)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶	
-	103	EP0439098	07/31/1991	Tanabe et al.			
	104	WO9214321	08/20/1992	Takase et al.			
	105	JP2215247	08/28/1990	Tsuboi et al.			
	106	JP1300738	12/05/1989	Suzuki et al.			
	107	JP1013534	01/18/1989	Kamio et al.			
	108	JP4180324	06/26/1992	Atsushi et al.			
	109	JP4196635	07/16/1992	Osahide			
	110	JP5327751	12/10/1993	Hyodo et al.			
	111	JP6006320	01/14/1994	Baba et al.			
	112	JP6209365	07/26/1994	Toshiro et al.			
	113	JP7250099	09/26/1995	Koshiro et al.			
	114	JP8149137	06/07/1996	Nakajima et al.			
	115	HU71152	11/28/1995	Hiller et al.			
	116	EP0935856	08/18/1999	Christie et al.			
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Examiner Signature	Date Considered	

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Substitute for form 1449B/PTO Complete if Known Application Number 10/682.013 INFORMATION DISCLOSURE 10/09/2003 Filing Date STATEMENT BY APPLICANT First Named Inventor Joseph Michael Christie 2664 Art Unit (Use as many sheets as necessary) Examiner Name of Attorney Docket Number 1119a3 Sheet

Examiner Initials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			
	117	KURIBAYASHI, SHIN-ICHI; Advanced Signaling Protocol for Broadband ISDN Services; Electronics and Communications in Japan; Part 1, Volume 78, Number 1, Pages 1-12.  Hungarian office action dated June 23, 1999 citing Hungarian patent number HU170127 for Hungarian Application No. P9900232; 2 pages.			
	118				
	119	Russian office action dated April 22, 2002 citing Russian patent numbers RU2013011 and RU2007880 for Russian Application No. 99112956; 6 pages.			
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